MAR 2 3 2006

Application #: 09/875,519

Title: Down-Regulation Resistant C-3 Convertase

Inventor: Farries et al. Docket #: 4-30443B

Attorney: Susan L. Hess

(862) 778-7859

					60 GDVPVTVTVH
70	80	90	100	110	120
DFPGKKLVLS	SEKTVLTPAT	NHMGNVTFTI	PANREFKSEK	GRNKFVTVQA	TFGTQVVEKV
130	140	150	160	170	180
VLVSLQSGYL	FIQTDKTIYT	PGSTVLYRIF	TVNHKLLPVG	RTVMVNIENP	EGIPVKQDSL
190	200	210	220	230	240
SSQNQLGVLP	LSWDIPELVN	MGQWKIRAYY	ENSPQQVFST	EFEVKEYVLP	SFEVIVEPTE
250	260	270	280	290	300
KFYYIYNEKG	LEVTITARFL	YGKKVEGTAF	VIFGIQDGEQ	RISLPESLKR	IPIEDGSGEV
310	320	330	340	350	360
VLSRKVLLDG	VQNPRAEDLV	GKSLYVSATV	ILHSGSDMVQ	AERSGIPIVT	SPYQIHFTKT
370	380	390	400	410	420
PKYFKPGMPF	DLMVFVTNPD	GSPAYRVPVA	VQGEDTVQSL	TQGDGVAKLS	INTHPSQKPL
430	440	450	460	470	480
SITVRTKKQE	LSEAEQATRT	MQALPYSTVG	NSNNYLHLSV	LRTELRPGET	LNVNFLLRMD
490	500	510	520	530	540
RAHEAKIRYY	TYLIMNKGRL	LKAGRQVREP	GQDLVVLPLS	ITTDFIPSFR	LVAYYTLIGA
550	560	570	580	590	600
SGQREVVADS	VWVDVKDSCV	GSLVVKSGQS	EDRQPVPGQQ	MTLKIEGDHG	ARVVLVAVDK
610	620	630	640	650	660
GVFVLNKKNK	LTQSKIWDVV	EKADIGCTPG	SGKDYAGVFS	DAGLTFTSSS	GQQTAQRAEL
670	680	690	700	710	720
QCPQPAARRR	RSVQLTEKRM	DKVGKYPKEL	RKCCEDGMRE	NPMRFSCQRR	TRFISLGEAC
730	740	750	760	770	780
KKVFLDCCNY	ITELRRQHAR	ASHLGLARSN	LDEDIIAEEN	IVSRSEFPES	WLWNVEDLKE
790	800	810	820	830	840
PPKNGISTKL	MNIFLKDSIT	TWEILAVSMS	DKKGICVADP	FEVTVMQDFF	IDLRLPYSVV
850	860	870	880	890	900
RNEQVEIRAV	LYNYRQNQEL	KVRVELLHNP	AFCSLATTKR	RHQQTITIPP	KSSLSVPYVI
910 VPLKTGLQEV	920 EVKAAVYHHF		940 VVPEGIRMNK	950 TVAVRTLDPE	960 RLGREGVQKE

FIG.1A Best Available Copy

970 DIPPADLSDQ	980 VPDTESETRI	990 LLQGTPVAQM	1000 TEDAVDAERL	1010 KHLIVTPSGC	1020 GEQNMIGMTP
1030 TVIAVHYLDE	1040 TEQWEKFGLE	1050 KRQGALELIK	1060 KGYTQQLAFR	1070 QPSSAFAAFV	1080 KRAPSTWLTA
1090 YVVKVFSLAV	1100 NLIAIDSQVL	1110 CGAVKWLILE	1120 KQKPDGVFQE	1130 DAPVIHQEMI	1140 GGLRNNNEKD
1150 MALTAFVLIS	1160 LQEAKDICEE	1170 QVNSLPGSIT	1180 KAGDFLEANY	1190 MNLQRSYTVA	1200 IAGYALAQMG
1210	1220 LTTAKDKNRW	1230	1240	1250	1260
1270		1290	1300	1310	1320
1330		1350	1360	1370	1380
1390	1400	1410	1420	1430	1440
1450		1470	1480	1490	1500
RNTLIIYLDK 1510	VSHSEDDCLA 1520	FKVHQYFNVE 1530			RFYHPEKEDG 1560
KLNKLCRDEL 1570	CRCAEENCFI	QKSDDKVTLE	ERLDKACEPG	VDYVYKTRLV	KVQLSNDFDE
YIMAIEQTIK	SGSDEVQVGQ	QRTFISPIKC	REALKLEEKK	1610 HYLMWGLSSD	1620 FWGEKPNLSY
1630 IIGKDTWVEH	1640 WPEEDECQDE		1660 AFTESMVVFG		

FIG.1B

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	cctctccct	ctgtccctct	gtccctctga	cactgcactg	tcccagcacc
	12 20	30	40	50	60
atgggaccca	cctcaggtcc	cagcctgctg	ctcctgctac	taacccacct	cccctggct
70	80	90	100	110	120
ctggggagtc	ccatgtactc	tatcatcacc	cccaacatct	tgaggatgga	gagcgaggag
130	140	150	160	170	180
accatggtgc	tggaggccca	cgacgcgcaa	ggggatgttc	cagtcactgt	tactgtccac
190	200	210	220	230	240
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250	260	270	280	290	300
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310	320	330	340	350	360
gggcgcaaca	agtacgtgac	cgtgcaggcc	accttcggga	cccaagtggt	ggagsaggtg
370	380	390	400	410	420
gtgctggtca	gcctgcagag	cgggtacctc	tccatccaga	cagacaagac	catctacacc
430	440	450	460	470	480
cctggctcca	cagttctcta	taggatcttc	accgecaacc	acaagctgat	acccgtgggc
490	500	510	520	530	540
cggacggtca	tggtcaacat	tgagaacccg	gaaggcatcc	cggtcaagca	ggactccttg
550	560	570	580	590	600
tcttatcaga	accagcttgg	cgtcttgccc	ttgtcttggg	acattccgga	actcgacaac
610	620	630	640	650	660
atgggccagt	ggaagatccg	agcctactat	geaaactcac	cacagcaggt	cttctccact
670	680	690	700	710	720
gagtttgagg	tgaaggagta	cgtgctgccc	agtttcgagg	tcatagtgga	gactacagag
730	740	750	760	770	780
aaatcatact	acatctataa	cgagaagggc	ctggaggtca	ccatcacagc	caggatcctc
790	800	810	820	830	840
taagggaaga	aagtggaggg	aactgccttt	gtcatattcg	ggatccagga	tggcgaacag
850	860	870	. 880	890	900
aggattcccc	tgcctgaatc	cctcaagcgc	atcccgattg	aggatggctc	gggggaggtt
910	920	930	940	950	960

gtgctgagcc	ggaaggtact	gctggacggg	gtgcagaacc	ccagagcaga	agacctggtg
970	980	990	1000	1010	1020
gggaagtctt	tgtacgtgtc	tgccaccgtc	atcttgaact	caggcagtga	catggtgcag
1030	1040	1050	1060	1070	1080
gcagagcgca	gcgggatccc	catcgtgacc	tctccctacc	agatccactt	caccaagaca
1090	1100	1110	1120	1130	1140
cccaagtact	tcaaaccagg	aatgcccttt	gacctcatgg	tgttcgtgac	gaaccctgat
1150	1160	1170	1180	1190	1200
ggatctccag	cctacagagt	ccaagtggca	gtccagggag	aggacactgt	gcagtctcta
1210	1220	1230	1240	1250	1260
acccagggag	atggcgtggc	caaactcagc	atcaacacac	accccagcca	gaagcccttg
1270	1280	1290	1300	1310	1320
agcatcacgg	tgcgcacgaa	gaagcaggag	ctctcggagg	cagagcaggc	taccaggacc
1330	1340	1350	1360	1370	1380
atgcaggctc	tgccctacag	caccgtgggc	aactccaaca	attacctgca	tctctcagtg
1390	1400	1410	1420	1430	1440
ctacgtacag	agatcagacc	cggggagacc	ctcaacgtca	acttcctcct	gcgaatggac
1450	1460	1470	1480	1490	1500
cgcgcccacg	aggccaagat	ccgctactac	acctacctga	tcatgaacaa	gggcaggctg
1510	1520	1530	1540	1550	1560
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1570	1580	1590	1600	1610	1620
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1630	1640	1650	1660	1670	1680
agcggccaga	gggaggtggt	ggccgactcc	gtgtgggtgg	acgtcaagga	ctcctgcgtg
1690	1700	1710	1720	1730	1740
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1750	1760	1770	1780	1790	1800
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1810	1820	1830	1840	1850	1860
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1870	1880	1890	1900	1910	1920

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1930	1940	1950	1960	1970	1980
gacgcagggc	tgaccttcac	gagcagcagt	ggccagcaga	ccgcccagag	ggcagaactt
1990	2000	2010	2020	2030	2040
cagtgcccgc	agccagccgc	ccgccgacgc	cgttccgtgc	agctcacgga	gaagcgaatg
2050	2060	2070	2080	2090	2100
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2230	2240	2250	2260	2270	2280
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2290	2300	2310	2320	2330	2340
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2350	2360	2370	2380	2390	2400
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2410	2420	2430	2440	2450	2460
acgtgggaga	ttctggctgt	gagcatgtcg	gacaagaaag	ggatctgtgt	ggcagacccc
2470	2480	2490	2500	2510	2520
ttcgaggtca	cagtaatgca	ggacttcttc	atcgacctgc	ggctacccta	ctctgttgtt
2530	2540	2550	2560	2570	2580

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2650	2660	2670	2680	2690	2700
cgtcaccagc	agaccataac	catcccccc	aagtcctcgt	tgtccgttcc	atatgtcatc
2710	2720	2730	2740	2750	2760
gtgccgctaa	agaccggcct	gcaggaagtg	gaagtcaagg	ctgctgtcta	ccatcatttc
2770	2780	2790	2800	2810	2820
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2950	2960	2970	2980	2990	3000
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3010	3020	3030	3040	3050	3060
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3070	3080	3090	3100	3110	3120
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3130	3140	3150	3160	3170	3180
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3190	3200	3210	3220	3230	3240
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3250	3260	3270	3280	3290	3300
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3310	3320	3330	3340	3350	3360
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3370	3380	3390	3400	3410	3420
gatgcgcccg	tgatacacca	agaaatgatt	ggtggattac	ggaacaacaa	cgagaaagac
3430	3440	3450	3460	3170	3480
atggccctca	cggcctttgt	tctcatctcg	ctgcaggagg	ctaaagatat	ttgcgaggag
3490	3500	3510	3520	3530	3540

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caggtcaaca	gcctgccagg	cagcatcact	aaagcaggag	acttccttga	agccaactac
3550	3560	3570	3580	3590	3600
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3670	3680	3690	3700	3710	3720
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3730	3740	3750	3760	3770	3780
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3790	3800	3810	3820	3830	3840
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3910	3920	3930	3940	3950	3960
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3970	3980	3990	4000	4010	4020
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4030	4040	4050	4060	4070	4080
accttgtcgg	tggtgacaat	gtaccatgct	aaggccaaag	atcaactcac	ctgtaataaa
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4150	4160	4170	4180	4190	4200
aagaacacta	tgatccttga	gatctgtacc	aggtaccggg	gagaccagga	tgccactatg
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4270	4280	4290	4300	4310	4320
ctggccaatg	gtgttgacag	atacatctcc	aagtatgagc	tggacaaagc	cttctccgat
4330	4340	4350	4360	4370	4380
aggaacaccc	tcatcatcta	cctggacaag	gtctcacact	ctgaggatga	ctgtctagct
4390	4400	4410	4420	4430	4440
ttcaaagttc	accaatactt	taatgtagag	cttatccagc	ctggagcagt	caaggtctac
4450	4460	4470	4480	4490	4500

gcctattaca	acctggagga	aagctgtacc	cggttctacc	atccggaaaa	ggaggatgga
4510	4520	4530	4540	4550	4560
aagctgaaca	agctctgccg	tgatgaactg	tgccgctgtg	ctgaggagaa	ttgcttcata
4570	4580	4590	4600	4610	4620
caaaagtcgg	atgacaaggt	caccctggaa	gaacggctgg	acaaggcctg	tgagccagga
4631	4640	4650	4660	4670	4680
gtggactatg	tgtacaagac	ccgactggtc	aaggtacagc	tgtccaatga	ctttgacgag
4691	4700	4710	4720	4730	4740
tacatcatgg	ccattgagca	gaccatcaag	tcaggctcgg	atgaggtgca	ggttggacag
4750	4760	4770	4780	4790	4800
cagcgcacgt	tcatcagccc	catcaagtgc	agagaagccc	tgaagctgga	ggagaagaaa
4810	4820	4830	4840	4850	4860
cactacctca	tgtggggtct	ctcctccgat	ttctggggag	agaagcccaa	cctcagctac
4870	4880	4890	4900	4910	4920
atcatcggga	aggacacttg	ggtggagcac	tggcctgagg	aggacgaatg	ccaagacgaa
4930	4940	4950	4960	4970	4980
gagaaccaga	aacaatgcca	ggacctcggc	gccttcaccg	agagcatggt	tgtctttggg
4990	5000	5010	5020	5030	5040
tgccccaact 5050	gaccacaccc 5060	ccattcc			

FIG.2F

1				- 4	2		-	3			4	1		
	В													
<u>`</u>	~	` -	-	-	لسنة	<u></u>	-	5		-	-			-

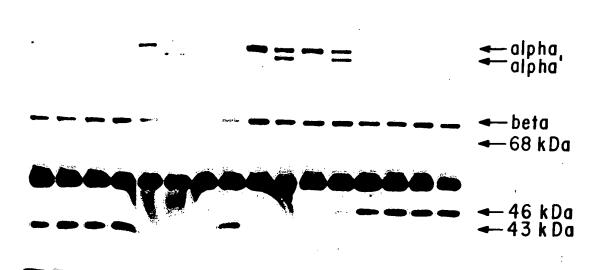


FIG.3

Application #: 09/875,519 Title: Down-Regulation Resistant C-3 Convertase Inventor: Farries et al.

Docket #: 4-30443B Attorney: Susan L. Hess (862) 778-7859

Site 1: QQ Q Site 2: Q Q

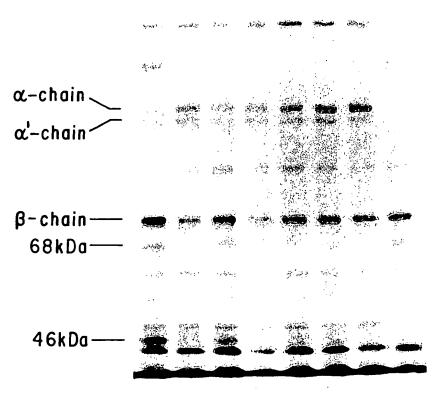
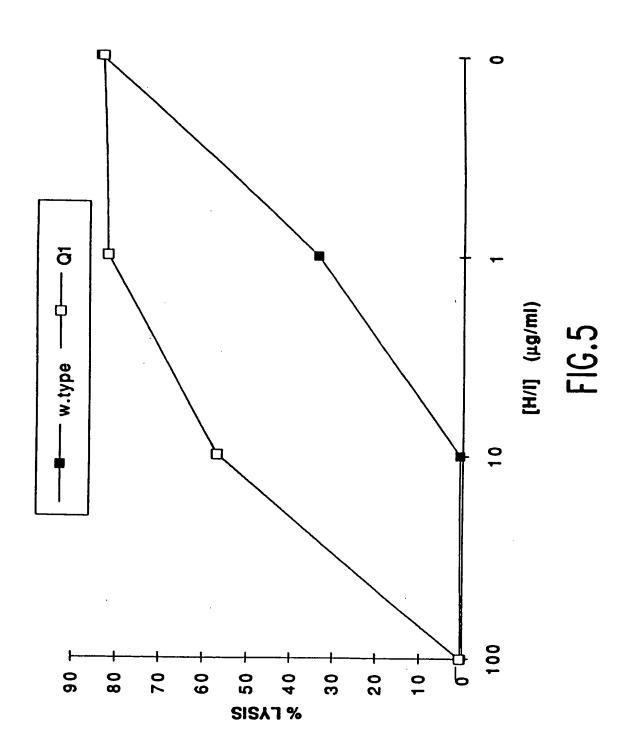
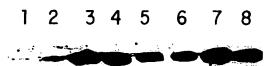


FIG.4





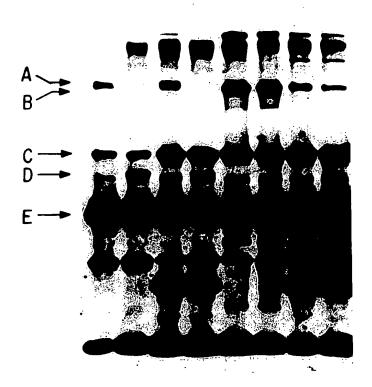


FIG.6

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Title: Down-Regulation Resistant C-3 Convertase Inventor: Farries et al.
Docket #: 4-304438

Attorney: Susan L. Hess (862) 778-7859

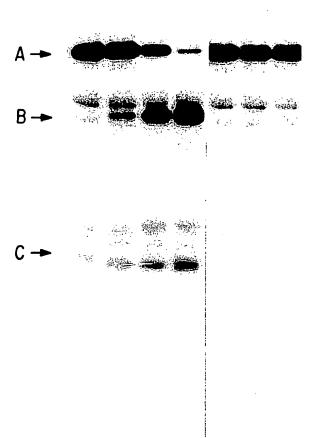


FIG.7

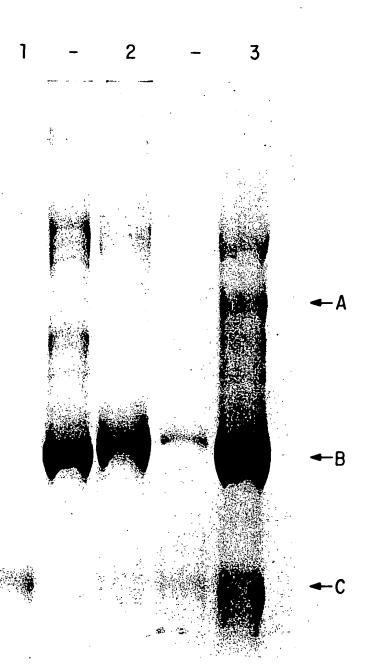


FIG.8

Application #: 09/875,519
Title: Down-Regulation Resistant C-3 Convertase

Inventor: Farries et al. Docket #: 4-30443B

Attorney: Susan L. Hess

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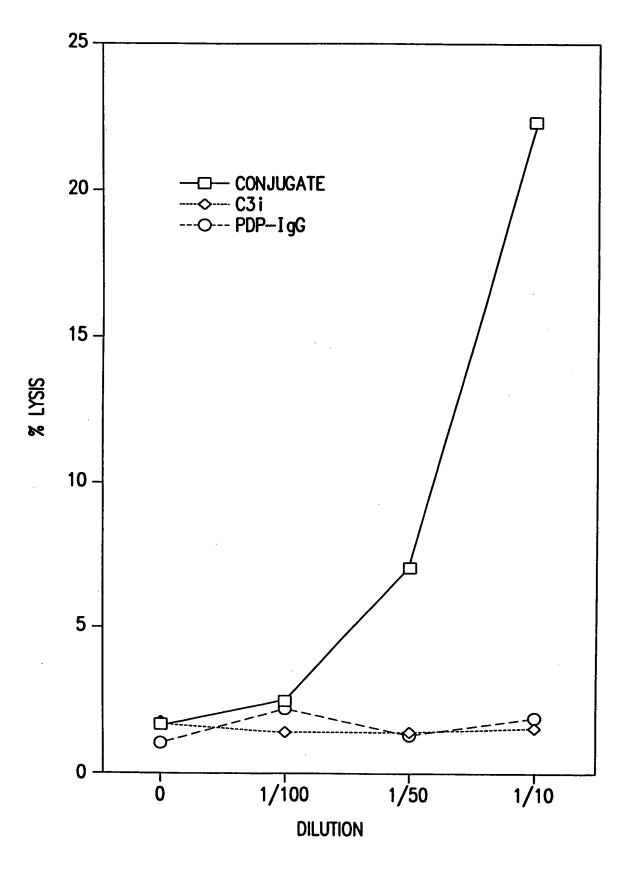
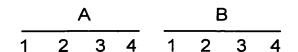


FIG.9



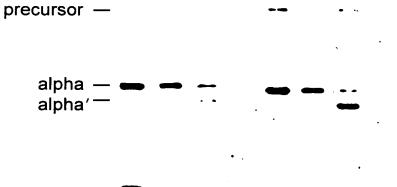




FIG.10

Application #: 09/875,519
Title: Down-Regulation Resistant C-3 Convertase

Inventor: Farries et al.

Docket #: 4-30443B Attorney: Susan L. Hess

(862) 778-7859

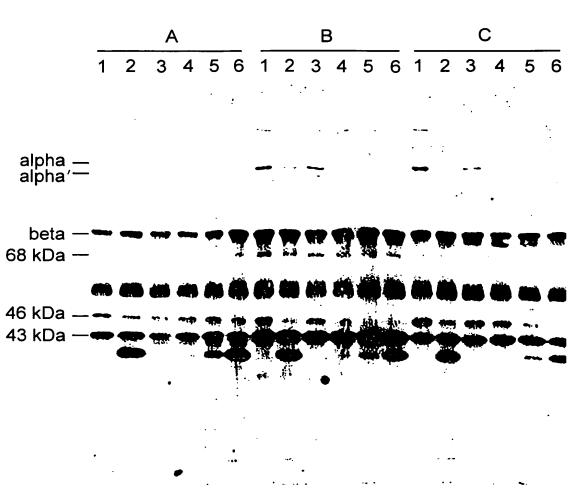


FIG.11

Application #: 09/875,519
Title: Down-Regulation Resistant C-3 Convertase
Inventor: Farries et al.
Docket #: 4-30443B

(862) 778-7859 Attorney: Susan L. Hess



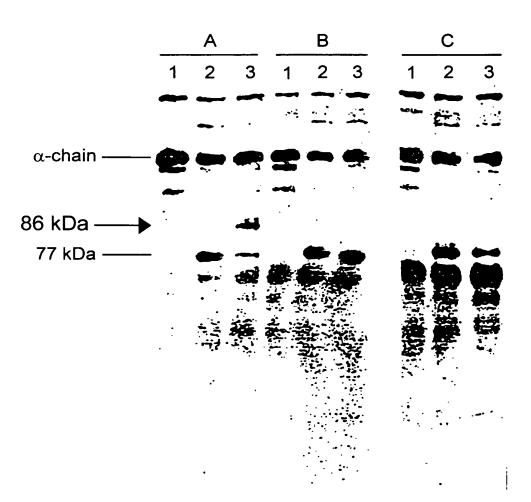


FIG.13

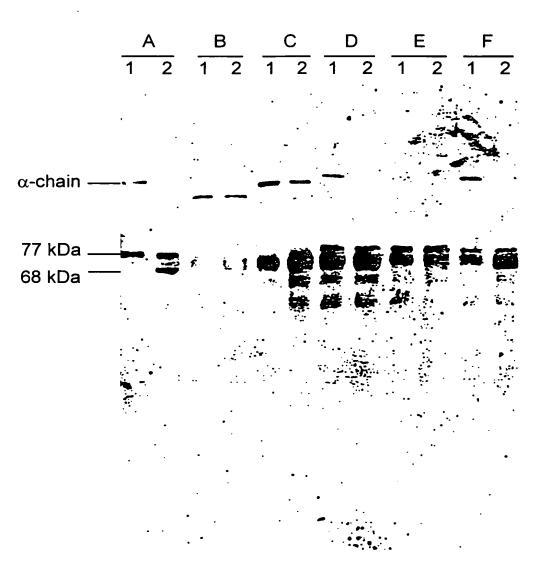


FIG.14

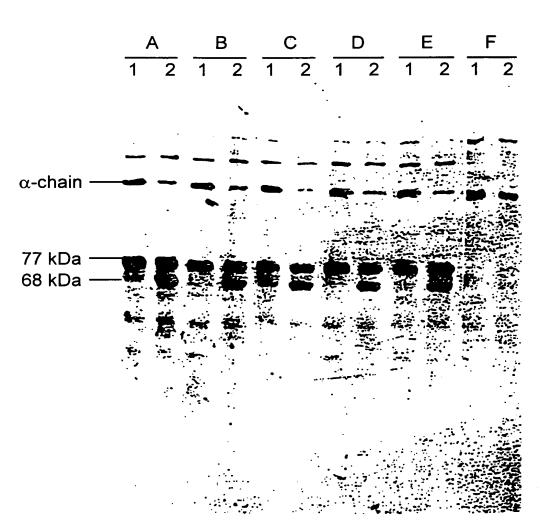


FIG.15

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